

## SECTION 01800

### CLEANING AND DISPOSAL OF DEBRIS

#### A. General:

1. Provide maintenance of buildings and site in a standard of cleanliness described herein throughout the entire construction period. In addition, comply with cleaning requirements described in various other sections of the Contract documents and the LEED waste management requirements to increase recycling and minimize waste sent to landfills.

#### B. Inspection:

1. Conduct daily inspection, and more often if necessary, to verify that requirements for cleanliness are being met.

#### C. Materials and Equipment:

1. Provide required personnel, equipment, and materials needed to maintain the specified standard of cleanliness.
2. Use only the cleaning materials and equipment which are compatible with the surface being cleaned, as recommended by the manufacturer of the material.

#### D. Progress Cleaning:

##### 1. General:

- a. Retain stored items in an orderly arrangement allowing maximum access, not impeding traffic or drainage, and providing required protection of materials.
- b. Do not allow accumulation of scrap, debris, waste material, and other items not required for construction of this Work.
- c. At least twice each month, and more often if necessary, completely remove all scrap, debris, and waste material from the BNL Site. Segregate waste for recycling. Burning of debris and rubbish will not be permitted.
- d. Provide adequate storage for all items awaiting removal from the job site, observing requirements for fire protection and protection of the ecology.
- e. All debris, rubbish and equipment removed from the work site shall pass through the Vehicle Radiation Monitor prior to exiting from the BNL Site.

##### 2. Site:

- a. Daily, and more often if necessary, inspect the site and pick up all scrap, debris, and waste material. Remove such items to the place designated for their storage.

- b. Weekly, and more often if necessary, inspect all arrangements of materials stored on the site. Restock, tidy, or otherwise service arrangements to meet the requirements of subparagraph D.1 above.
  - c. Provide four (4) trash cans conveniently located for workers to dispose of food wrappers and small rubbish. Two (2) trash cans shall be designated for plastic, glass and metal recyclable containers.
  - d. Maintain the site in a neat and orderly condition at all times.
3. Structures:
- a. Weekly, and more often if necessary, inspect the structures and pick up all scrap, debris, and waste material. Remove such items to the place designated for their storage.
  - b. Weekly, and more often if necessary, sweep interior spaces clean. Use sweeping compound to eliminate airborne dust when sweeping.
    - 1) "Clean," for the purpose of this subparagraph, shall be interpreted as meaning free from dust and other material capable of being removed by use of reasonable effort and a hand-held broom.
  - c. As required preparatory to installation of succeeding materials, clean the structures or pertinent portions thereof to the degree of cleanliness recommended by the manufacturer of the succeeding material, using equipment and materials required to achieve the necessary cleanliness.
  - d. Unless temporary protection has been called for in the technical section for one floor finish, following the installation of finish floor materials, clean the finish floor daily (and more often if necessary) at all times while work is being performed in the space in which finish materials are installed.
    - 1) "Clean," for the purpose of this subparagraph, shall be interpreted as meaning free from foreign material which, in the opinion of BNL, may be injurious to the finish floor material.

E. Final Cleaning:

- 1. "Clean," for the purpose of this Clause, and except as may be specifically provided otherwise, shall be interpreted as meaning the level of cleanliness generally provided by skilled cleaners using commercial-quality building-maintenance equipment and material.
- 2. Prior to completion of the Work, remove from the job site all tools, surplus materials, equipment, scrap, debris, and waste. Conduct final progress cleaning as described in Clause D.1 above.

3. Site:
  - a. Unless otherwise specifically directed by BNL, broom clean paved areas on the site and public paved areas adjacent to the site.
  - b. Completely remove resultant debris.
4. Structures:
  - a. Exterior:
    - 1) Visually inspect exterior surfaces and remove all traces of soil, waste materials, smudges, and other foreign matter.
    - 2) Remove all traces of splashed materials from adjacent surfaces.
    - 3) If necessary to achieve a uniform degree of cleanliness, hose down the exterior of the structure.
    - 4) In the event of stubborn stains not removable with water, BNL may require light sandblasting or other commercial-type cleaning at no additional cost to BNL.
  - b. Interior:
    - 1) Visually inspect interior surfaces and remove all traces of soil, waste materials, smudges, and other foreign matter.
    - 2) Remove all traces of splashed material from adjacent surfaces.
    - 3) Remove paint droppings, spots, stains, and dirt from finished surfaces.
  - c. Glass: Remove all temporary labels. Clean inside and outside.
  - d. Polished Surfaces: To surfaces requiring routine application of buffed polish, apply the polish recommended by the manufacturer of the material being polished.
5. Schedule final cleaning as approved by BNL to enable acceptance of a completely clean facility.

F. Cleaning During BNL Occupancy:

1. Should BNL occupy the Work or any portion thereof prior to its completion by the Contractor and acceptance by BNL, responsibilities for interim and final cleaning shall be as determined by BNL in accordance with the General Conditions of the Contract.

END OF SECTION 01800

| Revision History |          |
|------------------|----------|
| Date             | Rev. No. |
| 02-19-09         | 0        |
|                  |          |